

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

CLASS PERIODS: 3

LAB PERIODS: 0

Enabling Objectives:

- 20.1 **IDENTIFY** the major Ship Classifications in accordance with Bluejackets Manual 21st Edition
- 20.2 **IDENTIFY** the major Ship Types by their Letter Designations in accordance with Bluejackets Manual 21st Edition
- 20.3 **IDENTIFY** the missions of major Ship Classifications in accordance with Bluejackets Manual 21st Edition

Trainee Preparation Materials:

- A. Trainee Support Materials:
 - 1. None
- B. Reference Publications:
 - 1. None

Instructor Preparation:

- A. Review Assigned Trainee Material
- B. Reference Publications:
 - 1. Basic Military Requirements, NAVEDTRA 12043
 - 2. Bluejackets Manual 21st Edition, ISBN 1-55750-050-9
 - 3. WWW.Chinfo.Navy.Mil/navpalib/factfile/, none
- C. Training Materials Required:
 - 1. Transparencies
 - a. Heritage Part Three - Sea Power, 3-1-1
 - b. LCAC 13, 3-1-11
 - c. Major Ship Classifications, 3-1-2
 - d. Summary, 3-1-18
 - e. USNS Spica (T-AFS 9) and USNS Kilauea (T-AE 26), 3-1-16
 - f. USS Antietam (CG 54), 3-1-4
 - g. USS Belleau Wood (LHA 3), 3-1-10
 - h. USS Bonhomme Richard (LHD 6), 3-1-12
 - i. USS Emory S. Land (AS 39), 3-1-17
 - j. USS John C. Stennis (CVN 74) and USS Independence (CV 62), 3-1-3
 - k. USS McClusky (FFG 41), 3-1-6
 - l. USS Michigan (SSBN 727), 3-1-9

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

- m. USS Nimitz (CVN 68) / USS Port Royal (CG 73) / USS Annapolis (SSN 760), 3-1-8
- n. USS Ramage (DDG 61), 3-1-5
- o. USS Rushmore (LSD 47), 3-1-14
- p. USS San Antonio (LPD 17), 3-1-13
- q. USS Scout (MCM 8), 3-1-15
- r. USS Seawolf (SSN 21), 3-1-7

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

1. Introduction

RELATED INSTRUCTOR ACTIVITY

1. Establish Contact.

Write name on VAP board.

Introduce Yourself.

It is important to be able to recognize the ships/aircraft you see and to know their mission and weapon capabilities. In this lesson, we will discuss major ship classifications, letter designation, and their missions.

State Lesson Objectives.

Reference Bluejackets Manual 21st Edition, ISBN 1-55750-050-9.

Reference Basic Military Requirements, NAVEDTRA 12043.

Reference Internet Address
WWW.Chinfo.Navy.Mil/navpalib/factfile/, none.

Show Transparency 3-1-1, Heritage Part Three - Sea Power.

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

2. Major Ship Classifications

a. Aircraft Carrier

(1) Letter designation:

(a) Multi-purpose aircraft carrier (CV)

(b) Multi-purpose aircraft carrier (nuclear propulsion) (CVN)

(2) Mission

(a) Carry, launch, retrieve, and handle combat aircraft quickly and effectively

RELATED INSTRUCTOR ACTIVITY

2. Show Transparency 3-1-2, Major Ship Classifications.

a. Show Transparency 3-1-3, USS John C. Stennis (CVN 74) and USS Independence (CV 62).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

- (b) Can maintain a strong Naval presence with over 100 combat aircraft anywhere in the world
- (c) Can approach the enemy at high speed, launch planes for the attack, recover them, and retire before its position can be determined
- (d) Establish and maintain air superiority

b. Cruisers

(1) Letter designation:

- (a) Guided-missile Cruiser (CG)

(2) Mission

RELATED INSTRUCTOR ACTIVITY

- (a) Show Transparency 3-1-4, USS Antietam (CG 54).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

- (a) Serves as screening and protection of fast carrier task forces against surface, air, and submarine attacks

- (b) Provides gunfire support for amphibious landing operations

- (c) Land attacks using cruise missiles

c. Destroyers

(1) Letter designation:

- (a) Destroyers (DD)

- (b) Guided-missile Destroyer (DDG)

RELATED INSTRUCTOR ACTIVITY

- (b) Show Transparency 3-1-5, USS Ramage (DDG 61).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

(2) Mission

- (a) Primarily operate offensively and defensively against submarines and surface ships
- (b) Provide defense against air attacks
- (c) Provide gunfire support for amphibious assaults
- (d) Precision land attacks using cruise missiles
- (e) Perform patrol, search, and rescue operations

d. Guided Missile Frigates

- (1) Letter designation - FFG

- (1) Show Transparency 3-1-6, USS McClusky (FFG 41).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

(2) Mission

(a) Primarily used for anti-submarine warfare

(b) Used to protect amphibious forces, underway replenishment operations, and merchant-ship convoys

e. Submarines

(1) Submarine (nuclear propulsion)

(a) Letter designation - SSN

(b) Mission

RELATED INSTRUCTOR ACTIVITY

(1) Show Transparency 3-1-7, USS Seawolf (SSN 21).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

RELATED INSTRUCTOR ACTIVITY

- 1) Locate and destroy enemy ships and submarines
- 2) Perform surveillance and reconnaissance missions
- 3) Precision land attacks using cruise missiles
- 4) Perform direct task-force support to battle groups
- 5) Act as scouts, deliver supplies and personnel to locations in enemy territory
- 6) Perform rescue missions

- 4) Show Transparency 3-1-8, USS Nimitz (CVN 68) / USS Port Royal (CG 73) / USS Annapolis (SSN 760).

- (2) Ballistic-missile submarine (nuclear propulsion)

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

- (a) Letter designation - SSBN

- (b) Mission - deliver ballistic missile attacks against assigned targets from submerged position

- (c) Strategic Defense - most surveillance posture of Triad

f. Patrol Combatant

- (1) Letter designation - PC 1

- (2) Mission
 - (a) Reconnaissance patrol supports special operation teams

RELATED INSTRUCTOR ACTIVITY

- (a) Show Transparency 3-1-9, USS Michigan (SSBN 727).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

- (b) Conduct surveillance, screening, and other special operations

- g. Amphibious Assault Ship (general purpose)
 - (1) Letter designation - LHA

 - (2) Mission
 - (a) Used to embark, deploy, and land a Marine battalion landing team by:
 - 1) helicopters
 - 2) air-cushion landing craft (LCAC)
 - 3) amphibious vehicles, and

RELATED INSTRUCTOR ACTIVITY

- (1) Show Transparency 3-1-10, USS Belleau Wood (LHA 3).

- 2) Show Transparency 3-1-11, LCAC 13.

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

4) combinations of these methods

(b) Combines the features of most older amphibious ships into a single ship

h. Multipurpose Assault Ship

(1) Letter designation - LHD

(2) Mission

(a) Used to embark, transport, and land 2,000 troops and their equipment by means of transport helicopters and air-cushion landing craft (LCAC)

(b) Have the capability of assisting in anti-submarine warfare (ASW)

RELATED INSTRUCTOR ACTIVITY

(1) Show Transparency 3-1-12, USS Bonhomme Richard (LHD 6).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

- (c) Carries the AV-8B Harrier V/STOL aircraft for anti-air warfare support

i. Amphibious Transport Dock

- (1) Letter designation - LPD

- (2) Mission

- (a) Has the capability to transport embarked troops and their equipment together

- (b) Capable of landing troops and equipment by landing craft or helicopter

- 1) The landing craft are transported internally and can be launched through an opening in the stern

RELATED INSTRUCTOR ACTIVITY

- 1) Show Transparency 3-1-13, USS San Antonio (LPD 17).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

- 2) The deck over the stern provides a platform for helicopter operations

j. Mine Warfare Ships

- (1) Mission - locate and sweep contact, magnetic, and acoustic mines

- (2) Letter designation:

- (a) Mine Countermeasures Ship (MCS)

- (b) Coastal Mine Hunter (MHC)

k. Underway Replenishment Ships

- (1) Mission

RELATED INSTRUCTOR ACTIVITY

- 2) Show Transparency 3-1-14, USS Rushmore (LSD 47).

- (a) Show Transparency 3-1-15, USS Scout (MCM 8).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

- (a) Ships used to transfer fuel, supplies, and personnel from one vessel to another

 - (b) Most replenishment ships have helicopter platforms for the transfer of munitions, personnel, cargo, and stores by vertical replenishment
- (2) Letter designation and purpose:
- (a) Oiler (AO) carries Navy fuel oil, jet fuel, and other petroleum products

 - (b) Fast Combat Support Ship (AOE)
 - 1) Carries missiles, fuel, ammunition, and general cargo

RELATED INSTRUCTOR ACTIVITY

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

- 2) Carries a large load of both general supplies material and refrigerated cargo

- 3) Operates as an integral unit of the task force because of its high-speed capability

(c) Combat Stores Ship (AFS)

- 1) Provides the triple logistics capability of a stores issues ship, a refrigerator ship, and an aviation supply ship

- 2) Designed for high-speed replenishment-at-sea operations

(d) Ammunition Ship (AE) delivers ammunition and missiles to the fleet while at sea

RELATED INSTRUCTOR ACTIVITY

- (c) Show Transparency 3-1-16, USNS Spica (T-AFS 9) and USNS Kilauea (T-AE 26).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

1. Material Support Ships

(1) Mission - perform repair and maintenance services

(2) Letter designation and purpose:

(a) Submarine Tender (AS)

1) Perform repair work, supply repair parts, and render other services to surface ships and submarines

2) Submarines and surface ships moor alongside for services

3) Forward deployed in Italy and Guam

RELATED INSTRUCTOR ACTIVITY

(a) Show Transparency 3-1-17, USS Emory S. Land (AS 39).

LESSON PLAN

Unit 3. HERITAGE

X-XXX-XXX2 Rev B

Topic 3.1 Heritage - Ships

DISCUSSION POINT

3. Summary
 - a. Ship classification
 - b. Ship types
 - c. Ship missions
4. Assignment
 - a. None
5. Evaluation
 - a. None

RELATED INSTRUCTOR ACTIVITY

3. Show Transparency 3-1-18, Summary.